

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1           1. (Previously Presented) A computer controlled method comprising:  
2           establishing communication between a wireless sensor and a provisioning  
3           device over at least one preferred channel, said wireless sensor configured to send a  
4           first commitment to said provisioning device over said at least one preferred channel  
5           and to receive a second commitment from said provisioning device over said at least  
6           one preferred channel;  
7           receiving provisioning information from said provisioning device over said at  
8           least one preferred channel, wherein the provisioning information includes a  
9           credential and wherein the credential facilitates becoming a member of a secure  
10          credential infrastructure; and  
11          automatically configuring said wireless sensor for transmitting sensor  
12          information over a secure communication channel responsive to said provisioning  
13          information.

1           2. (Original) The computer controlled method of claim 1, wherein said  
2           provisioning information comprises a credential.

1           3. (Original) The computer controlled method of claim 1, wherein said  
2           provisioning information further comprises one or more of patient data, limit data,  
3           alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse  
4           data, insurance data or room assignment data.

1           4. (Original) The computer controlled method of claim 3, further comprising  
2 transmitting said sensor information over said secure communication channel.

1           5. (Original) The computer controlled method of claim 1, wherein said  
2 provisioning information further comprises one or more of sensitivity data, target data,  
3 image recognition data, or noise characteristics.

1           6. (Original) The computer controlled method of claim 1, wherein said  
2 wireless sensor senses one or more of medical information, location information,  
3 proximity information, environmental information, or vehicle information.

1           7. (Previously Presented) A computer-readable storage medium storing  
2 instructions that when executed by a computer in a wireless sensor cause the computer  
3 to perform a method comprising steps of:  
4           establishing communication between said wireless sensor and a provisioning  
5 device over at least one preferred channel, said wireless sensor configured to send a  
6 first commitment to said provisioning device over said at least one preferred channel  
7 and to receive a second commitment from said provisioning device over said at least  
8 one preferred channel;  
9           receiving provisioning information from said provisioning device over said at  
10 least one preferred channel, wherein the provisioning information includes a  
11 credential and wherein the credential facilitates becoming a member of a secure  
12 credential infrastructure; and  
13           automatically configuring said wireless sensor for transmitting sensor  
14 information over a secure communication channel responsive to said provisioning  
15 information.

1           8. (Original) The computer-readable storage medium of claim 7, wherein  
2       said provisioning information comprises a credential.

1           9. (Original) The computer-readable storage medium of claim 7, wherein said  
2       provisioning information further comprises one or more of patient data, limit data,  
3       alarm data, dosage data, interval data, access data, physician data, caregiver data, nurse  
4       data, insurance data or room assignment data.

1           10. (Original) The computer-readable storage medium of claim 9, further  
2       comprising transmitting said sensor information over said secure communication  
3       channel.

1           11. (Original) The computer-readable storage medium of claim 7, wherein said  
2       provisioning information further comprises one or more of sensitivity data, target data,  
3       image recognition data, or noise characteristics.

1           12. (Original) The computer-readable storage medium of claim 7, wherein said  
2       wireless sensor senses one or more of medical information, location information,  
3       proximity information, environmental information, or vehicle information.

1           13. (Previously Presented) A wireless apparatus comprising:  
2       at least one port configured to establish at least one preferred channel;  
3       a preferred channel communication mechanism configured to be able to  
4       establish communication with a provisioning device over said at least one preferred  
5       channel the preferred channel communication mechanism further configured to be  
6       able to send a first commitment to said provisioning device over said at least one  
7       preferred channel and to be able to receive a second commitment from said  
8       provisioning device over said at least one preferred channel:

9 a receiver mechanism configured to be able to receive provisioning  
10 information from said provisioning device over said at least one preferred channel,  
11 wherein the provisioning information includes a credential and wherein the  
12 credential facilitates becoming a member of a secure credential infrastructure; and  
13 an automatic configuration mechanism to enable said wireless sensor to transmit  
14 sensor information over a secure communication channel established responsive to  
15 said provisioning information.

1 14. (Original) The apparatus of claim 13, wherein said provisioning  
2 information comprises a credential.

1 15. (Original) The apparatus of claim 13, wherein said provisioning  
2 information further comprises one or more of patient data, limit data, alarm data,  
3 dosage data, interval data, access data, physician data, caregiver data, nurse data,  
4 insurance data, room assignment data, sensitivity data, target data, image recognition  
5 data, activation data, or noise characteristics.

1 16. (Original) The apparatus of claim 15, further comprising a transmission  
2 mechanism configured to transmit said sensor information over said secure  
3 communication channel.

1 17. (Original) The apparatus of claim 13, wherein wireless apparatus further  
2 comprises a sensor for measuring said sensor information.

1 18. (Original) The apparatus of claim 13, wherein said wireless sensor senses  
2 one or more of medical information, location information, proximity information,  
3 environmental information, or vehicle information.

1           19. (Original) The apparatus of claim 13, wherein said sensor  
2 information is status information about the apparatus.

1           20. (Previously presented) The computer controlled method of claim 1,  
2 wherein said at least one preferred channel comprises a single preferred channel  
3 capable of communicating both from said wireless sensor to said provisioning device  
4 and from said provisioning device to said wireless sensor.

1           21. (Currently amended) The computer controlled method of claim 1, wherein  
2 said at least one preferred channel comprises two separate channels, including a first  
3 preferred channel capable of communicating from said wireless sensor to said  
4 provisioning device and a second preferred channel capable of communicating from  
5 said provisioning device to said wireless sensor.

1           22. (Previously presented) The computer-readable storage medium of claim  
2 7, wherein said at least one preferred channel comprises a single preferred channel  
3 capable of communicating both from said wireless sensor to said provisioning device  
4 and from said provisioning device to said wireless sensor.

1           23. (Currently amended) The computer-readable storage medium of claim 7,  
2 wherein said at least one preferred channel comprises two separate channels, including  
3 a first preferred channel capable of communicating from said wireless sensor to said  
4 provisioning device and a second preferred channel capable of communicating from  
5 said provisioning device to said wireless sensor.

1           24. (Previously presented) The apparatus of claim 13, wherein said at least one  
2 preferred channel

3 comprises a single preferred channel capable of communicating both from said  
4 wireless sensor to said provisioning device and from said provisioning device to said  
5 wireless sensor.

1 25. (Currently amended) The apparatus of claim 13, wherein said at least one  
2 preferred channel comprises two separate channels, including a first preferred channel  
3 capable of communicating from said wireless sensor to said provisioning device and a  
4 second preferred channel capable of communicating from said provisioning device to  
5 said wireless sensor.